

PRO-MINIR Infrared Receiver Specifications:

Specifications

Infrared carrier frequency:	30-60 kHz
Indoor reception range:	25-30 feet (7-9 meters)
Nominal reception angle:	50 degrees off axis
Maximum wire length:	1000' (300m) or more with larger gauge wire
Wire requirements:	3 or 4 conductors, minimum 24-gauge to 200'; 22-gauge up to 500'; 20-gauge to 1000'
Power requirements:	12VDC, 40mA
Dimensions:	15/16 x 3/8 x 1/2" h (24 x 9.5 x 13 mm h)
Cord length	75" (2 meters)

Requires 12VDC power supply, emitter(s) and connection block.

Warranty

Sound Acoustics warrants its products sold in the USA and Canada by authorized Sound Acoustics dealers to be free of defects in materials and workmanship. This warranty extends for three full years from the date of purchase by the original consumer. Any products returned to Sound Acoustics and found to be defective by Sound Acoustics within the warranty period will be repaired or replaced at Sound Acoustics option, at no charge. Sound Acoustics will not be responsible for the actual cost of installation or removal of the product, nor for any incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights. You may have additional legal rights that vary from state-to-state.

**Sound Acoustics
Vancouver BC Canada**

Made in Canada

Sound Acoustics

PRO-MINIR

**Micro Infrared Receiver
Installation Instructions v1.0**

Warning: To be installed and/or used in accordance with appropriate electrical codes and regulations.

Introduction: Thank you for your purchase of a Sound Acoustics infrared receiver. This receiver features the ability to pick up a remote control infrared signal and relay it on wires to another location up to 1000' (or more).

Features:

Will relay almost all remote control types (except some B & O and Elite models).

Can be connected with almost any 3 conductor wire including cat 5.

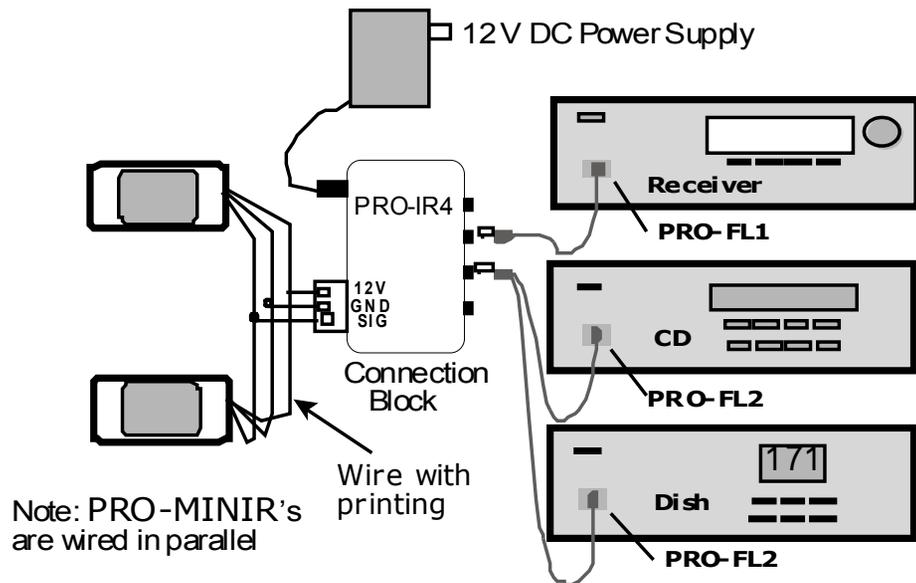
Requires very little power.

Up to 10 infrared receivers (compatible models) can be connected in a single system.

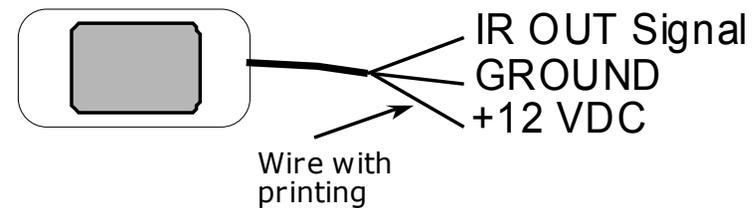
CFL and plasma ready design.

Installation Tips

1. Follow all local electrical & building code requirements.
2. The PRO-MINIR is usually mounted on the surface of a panel, door, cabinet or plate. For easy installation and to ensure reliability, it is suggested that a 12 VDC power supply, one or more single or dual emitter and 4 output connection block, be used.
3. Wires can be solid or stranded, shielded or unshielded with a minimum of 28-gauge for runs under 200', 22-gauge for runs under 500' and 20-gauge for runs up to 1000'. Wires can be looped from PRO-MINIR to PRO-MINIR or home run. Home runs generally offer more reliability and future flexibility.
4. Mount the PRO-MINIR using the double sided sticky tape provided. It is best to mount the PRO-MINIR where it will not get direct sunlight on it.
5. To wire the system together, connect the PRO-MINIR **12V, GND** and **IR SIG** terminals to the corresponding infrared connection block. Strictly observe polarity. The conductor with printing on it is the 12 V wire, the center wire is GND and the other conductor is the IR signal.



PRO-MINIR



6. Next, plug the single or dual emitters into the connection block.
7. Now, plug in the power supply to the connection block and mains power.
8. The infrared system is usually left plugged in all the time (to an unswitched outlet) as it uses very little power.
9. Test the infrared system to see if it is working properly. Bright sunlight and passive infrared security systems can lower the distance that remote controls can work with an PRO-MINIR receiver.
10. If you have any questions or concerns, please call and ask for technical support at 1 604 707 0116.